Special Issue

Big Data Analytics and Management in Internet of Things

Message from the Guest Editor

Big data analysis refers to the extraction of hidden relationships and associations of data in a deterministic or stochastic manner. Such data can be collected from end nodes of a complex infrastructure built along the lines of the modern Internet of Things (IoT) paradigm. Further, the data may be stored and processed in a distributed manner on the end or intermediate nodes. The data analysis is a challenging task because of many factors, with first and foremost, the sheer size of the datasets. Moreover, the fast data collection or update rate poses additional stress on the management and the analysis techniques. In this Special Issue, we are seeking approaches that include novel engineering or scientific aspects with respect to data management and analytics in IoT environments. Such approaches may be related to end-to-end frameworks for the management of the data lifecycle on IoT infrastructures. Also, they may propose solutions to specific industrial or research problems. Some of the problems the industrial and scientific world is encountering are: **Unified data management and interoperability Orchestration techniques Novel applications and application composition**

Guest Editor

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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